



APPENDIX

Below are marked-up copies of the amended paragraphs.

An example of the data which may be used in the system of the present invention is set forth in co-pending United States Patent Application Serial No. []
10/021,661 filed [] October 30, 2001 entitled INTELLIGENT OBJECT BUILDER [(TRIG8851)] (TRIRG-08851US0) by Thomas A. Wucherer, M. Cherrisse Nicastro, Anthony A. Marnell II and Anthony A. Marnell III (hereby fully incorporated by reference herein).

The CAD Intelligence plug-in adds a menu and/or toolbar to an existing CAD application. Its main function is to connect drawing objects with detailed specifications associated to the project. The architect or engineer can also create new specifications while drawing. From within CAD Intelligence, a user can: login to the system database, add data fields to the cells/elements in a drawing (making them "intelligent"), associate drawing elements to an area, associate drawing elements to an item specification in the database, edit and view the attributes of intelligent elements, associate a mark in the drawing to an item specification, generate marks for the entire drawing and upload intelligent elements from a CAD drawing to the database. The CAD intelligence plug-in such as that described in co-pending United States Patent [application serial no.] Application Serial No. 10/021,661 filed [] October 30, 2001 entitled INTELLIGENT OBJECT BUILDER (TRIRG-08851US0) by [Nicastro, Wucherer, Nisbet, Marnell II, Marnell III (hereby fully incorporated by reference herein)] Thomas A. Wucherer, M. Cherrisse Nicastro, Anthony A. Marnell II and Anthony A. Marnell III (previously incorporated by reference herein) is suitable for use in the present system.

The Item Specification Tool is an independent application for creating intelligent objects without using a CAD system. The Specification Tool is fully described in co-pending [application serial no.] United States Patent Application Serial No. 10/015,903 filed October 30, 2001 entitled ITEM SPECIFICATION OBJECT MANAGEMENT SYSTEM (TRIRG-01001US0) by M. Cherrisse Nicastro, Thomas A.

Wucherer, W. Todd Nisbet, Anthony A. Marnell II and Anthony A. Marnell III (hereby fully incorporated by reference herein). Item Types are templates for creating item specifications for broad categories of items. The use of Item Types enables a user to display all the item types for a selected classification. The system recognizes classifications as a category or class of disciplines and trades. The classification tree displays disciplines and trades in a hierarchal fashion. Classifications are used to organize item types and control access to them. This function allows a user to open and display all details of a selected item type. The manager also allows a user to copy the attributes of a selected item type to create a new item type with the ability to edit the existing attributes. This process also provides the ability to delete an existing item type that has not yet been used to define an item specification. A user may create a new item type for a selected classification by accessing the Item Type Wizard.

The Item Specification Manager enables a user to display all the item specifications for a selected classification and item type. A general outline of the functions of the Item Specification Manager are shown in Figure 4. This function allows a user to open and display all details of a selected item specification. The manager also allows a user to copy the attributes of a selected item specification to create a new item and provides the ability to edit the existing attributes. This process also provides the ability to delete an existing item specification that has not yet been published. A user may create a new item specification for a selected classification by accessing the Item Specification Wizard. The Item Specification Wizard is explained with respect to Figure [12 and in co-pending U.S. Application Serial No. entitled Item Data Management System (TRIRG-01001US0).] 12 and in co-pending United States Patent Application Serial No. 10/015,903 filed October 30, 2001 entitled ITEM SPECIFICATION OBJECT MANAGEMENT SYSTEM (TRIRG-01001US0) by M. Cherisse Nicastro, Thomas A. Wucherer, W. Todd Nisbet, Anthony A. Marnell II and Anthony A. Marnell III (previously fully incorporated by reference herein).